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THE PRACTICAL NURSERYMAN.

A TRADE JOURNAL.

Vol. 6.

HUNTSVILLE, ALA., FEBRUARY, 1898.

No. 2



To Nurserymen, Florists and Seedsmen.

CURRANTS TO BURN!

Is what we thought we were going to have next Spring, but we showed a few people what a fine lot of plants we had, reduced prices upon them, and they have been going off very lively. We still have a moderate surplus though, and will quote low prices till closed out. Finer plants never grew.

Standard Pears Ditto.

Everything we have said about Currants applies to Standard Pears also-We have a handsome lot of fine, smooth trees. If wanting Pears, do not fail to write us. We can suit you on both price and grading.

Free Plates of Our Specialties,

Yellow Rambler Rose, Lord Pen-zance's Sweet Briars, and Cumberland Raspberry, will be supplied to all reliable nurserymen who will place them in the hands of their agents and push the sale of these valuable novelties. They are "order-getters," all three of them.

Also write us if wanting

Peaches. Plums. Cherries Apples, Gooseberries. Grapevines. Raspberries, Blackberries, Clematis. Shrubs. Ornamental Trees, Roses,

Jackson & Perkins Co..

Newark, Wayne Co., New York.

Apple Grafts.

Put up to order by experienced workmen. Order early.

APPLE SEEDLINGS.

A few yet in stock, including 50,000 No. 1 branched roots. at a discount.

Write for prices.

J. A. GAGE Fairbury, Neb.

FRANK HANCOCK,

MATHERS, WISCONSIN,

-DEALER IN-

Sphagnum

I am absolutely the only dealer in this vicinity who owns the swamp from which the moss is taken, and I personally superintend getting out the moss for my customers. I can therefore guarantee my moss to be of the very best quality and the bales to be of the largest size. Moss can be supplied in any quantity desired either in bulk or in bales Be sure to get my prices before placing your orders elsewhere.

VELOPES of every kind, size and quality, at Factory Prices. Send your samples and

get quotations and save from 10 to 50 per cent. Order in time to have them sent by treight. Any other Printing, Lithographing, Engraving or Blank Books you may require can be sent at same time, at an equal saving in price. Send for Price-List of Stock Nursery Forms

VREDENBURG & KARLE, ROCHESTER, N. V.

Apple Trees. Apple Seedlings.

Grades High.

Careful Handling.

Experienced Packing.

Car Lots a Specialty.

F. W. WATSON & CO.,

(2351)

TOPEKA, KAN.

"First of all Grapes," says Rural New Yorker. Scaled 96 points in possible 100, "Will ship round the world." Early or Late. Insist on our Seals and get what you buy. Largest stock of other Grape Vines, Small Fruits. Elegant Catalogue FREE

CEORGE S. JOSSELYN, FREDONIA, NEW YORK.

THE DANSVILLE WILLOW AND TWINE LOOPING MA 4INE.

Patented. In use by 125 leading nurserymen in this country. Three cash orders at full price were received from France.

In a recent order for a machine, the editor of this paper writes: "Saw it work-thought it a marvel."

Will exchange for first-class Fruit and Ornamental Trees.

Weight 7 lbs. Price \$10 each.

Send for circular giving full information.

G. C. STONE. Dansville, N. Y.

BUY THE BEST,

WHITNEY'S IMPROVED

Manufactured by

N. A. WHITNEY.

FRANKLIN GROVE, LEE CO., ILL

Send for Prices.

The Practical Nurseryman

Is the best advertising medium for Nurserymen. It does not depend upon subscriptions, but goes monthly to a select list of 2300 names of Nurserymen, made up of customers and correspondents with whom we have had business relations for many years.

W. F. HEIKES, MANAGER, Huntsville, Ala.

Please favor us by mentioning this paper when writing to advertisers.

SHENANDOAH NURSERY.

-HEADQUARTERS FOR-

SEEDLINGS. APPLE

LARGEST STOCK IN THE WEST.

Pear, Plum and Cherry Stocks.

Osage Orange, Russian Mulberry and Forest SEEDLINGS Nursery Grown

Apple, Pear, Plum, Peach and Cherry Trees by the car load. Acres of Shade and Ornamental Trees of all sizes. Small Fruits, Ornamental Shrubs and Evergreens in quantity to suit the purchaser.

SCIONS, large surplus. GRAFTS of any style made to order.
Our stock has made a fine growth and is free from all injurious insects, and includes all the leading varieties and will be graded up to the highest standard grades. WRITE FOR PRICES.

D. S. LAKE, Prop., Shenandoah, Iowa.

-: FOR SALE:-

Excellent grades, and strictly first-class stock, in any, or all, of the following-

APPLE TREES,

APPLE GRAFTS.

APPLE SEEDLINGS.

JAPAN PEAR SEEDLINGS.

FRENCH IMPORTED PEAR STOCKS.

FRENCH IMPORTED MYROBOLAN STOCKS. FRENCH IMPORTED MAHALEB STOCKS.

Any of the above stock can be shipped on a moment's notice, excepting apple trees. Remember, we have all grades of branched apple seedlings, as well as straight roots, including the extra 1/4 inch and up

We solicit your graft orders in any style. Address.

JACKSON COUNTY NURSERY CO.,

Successors to H. C. Graves & Sons.

Lee's Summit, Mo.

YELLOW RAMBLER.

Very fine, strong, field-grown plants on their own roots. Two to four feet, cut back to 24 inches. Price per 10, \$1.75; per 100, \$16.00; per 1000, \$150.00.

Address W. F. HEIKES, Manager, Huntsville, Ala.

Small Fruit Plants For Sale to the Trade.

50,000 Gregg, 50,000 Ohio, 25,000 Louhegan, 10,000 each Winona, Palmer, M. Cluster, @ \$3.25 per M; Kansas @ \$5.00 M; 35,000 Cuthbert @ \$2.50 M; 5.000 each Snydet, Agawam, Stone's Hardy, Eries and Ea. Harvest @ \$4.50 M. Strawberries @ \$1.50 M. Gooseberries, Currants, etc. All good plants, true to name, and packed at above prices. List free. Terms, June 1, 1898, to any responsible firm. Try me.

FRANK MURPHY, DONELSVILLE, CLARK CO., OHIO.

THE PRACTICAL NURSERYMAN.

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Vol. 6.

HUNTSVILLE, ALA., FEBRUARY, 1898.

No. 2

THE PRACTICAL NURSERYMAN.

PUBLICATION OFFICE: HUNTSVILLE, ALABAMA. W. G. DICKSON, PRINTER.

W. F. HEIKES, Editor and Manager

Issued Monthly. Sent only to those in the trade. We do not solicit subscriptions. If you value THE PRACTICAL NURSERYMAN, please accept it with our compliments. Our circulation covers a list of 2,300 selected names of customatic covers and the sent of the sen tomers and correspondents, made up through many years of active wholesale business. Every name represents a buyer of nursery stock, and this list contains only the names of those who buy at wholesale.

Advertisements 10c. a line agate; \$20.00 a page; one-half page \$10.00; one-fourth page \$5.00. Advertisements must be received one week before the day of publication. Advertisements for less than \$5.00 will not be accept

ed. Discounts: 3 times 5 per cent.; 6 times 10 per cent.; 12 times 25 per cent.

The circulation of this Journal will be confined strictly to Nurserymen, Florists and Seedsmen, and only invited advertisements of articles pertaining specially to these trades will be inserted

Hardness of the Wickson Plum.

S. A. Beach, New York Experiment Station, writes to the Orange Judd Farmer as follows: Wickson, the new Japanese cross-bred plum which was originated by Luther Burbank, California, and first fruited by him about 1893, has been successfully fruited in New York, and is attracting the favorable attention of nurserymen and fruit-growers. Some of the features which recommend it for testing by those who are interested in plum culture are its extremely large size, fine flavor, good quality and attractive color. Even when picked rather green it colors and ripens well. The skin is thick and uniformly colored with red shaded with reddish purple. It was produced by crossing Kelsey with Burbank. Like Bur-bank, it is a cling, with amber-yellow flesh, juicy, yet so firm that it keeps and ships well.

C. P. Close produced some of this fruit in an orchard near Seneca Lake, in Western New York. The fruit was borne the past season on grafts which were set three years ago. The fruit reaches a diameter of $2\frac{1}{4}$ inches. It bears the largest fruit of any Japanese plum which has yet been introduced that is hardy in New York. At the Geneva, N. Y., experiment station grafts which were set in 1895 survived the exceptionally trying winter Monthly.

of 1895-6 and fruited in 1897.

The Wickson makes a good nursery tree, being a vigorous, upright grower, with rather narrow leaves, the edges of which have a tendency to turn inward, so that the tree reminds one of Prunus Simoni. Taking all things into consideration, it is not surprising that nurserymen are increasing their stock of this variety.

OVER a million dollars (\$1,104,000) has just been paid by the United States Treasury to help the 48 agricultural colleges during the fiscal year ending June 20, 1898. They get \$23,000 apiece this year, under the act of 1890, against \$22,000 last year. In July next the amount will be \$24,000, and on and after July 1, 1899, the sum will be \$25,000 each and every year. This is equal to the stupendous endowment by the Federal government of from 25 to 40 millions of dollars for agricultural education, or an endowment of \$500,000 to \$800,000 to each college, according as an income is reckoned at 3, 4 or 5 per cent. On top of this princely grant the government gives \$15,000 annually to each State for an experiment station in connection with these colleges. How are these wealthy institutions using this vast gift from the people? How much more or better work are these colleges doing than before they were recipients of this largess? Other pointed questions arise in this connection, especially when these institutions ask their State legislatures for still more funds. Have any of them practiced the economy farmers and other people have had to employ since 1891-2?-American Agricul-

It is generally believed that the rich coloring which our oaks and other trees put on in the Fall of the year is due to the conditions of the climate. It does seem that in some way or other this peculiar condition of coloring should be due to local causes, but, if so, it has assumed a hereditary character, for, when the trees are planted in the Old World, they still continue to maintain the character of rich coloring which they assumed in their native place of growth. Our American oaks are especially valued in the Old World for the bright coloring of the leaves which they present in the Fall of the year as happily as they do in America.-Meehan's

The Huntsville Wholesale Nurseries.

JESSIE S. MOSS, PROPRIETOR.

W. F. HEIKES, MANAGER.

REFERENCES: W. R. Rison & Co., Bankers, Huntsville, Ala., and the Mercantile Agencies

ADDRESS ALL CORRESPONDENCE TO

W. F. HEIKES, MANAGER, HUNTSVILLE, ALABAMA.

Fall of 1897 and Spring of 1898.

ENTOMOLOGIST'S CERTIFICATE.

This is to certify that on May 21st, 1897, I personally examined all stock of the Ameterille Wholesale. Museus, and Jound it entirely free from Dan Jose Scale and otherwise in excelle it condition. bail J. Baker Entomologist-of State Exper. Sta., audum, Ma.

DISTRIBUTING POINTS.—We are making St. Louis, Mo., Chicago, Ill., and Philadelphia, Pa., distributing points, and will deliver free of freight charges to transfer companies, at either of these places, all orders in car lots, or in less than car lots, to be shipped from Huntsville early in Spring and placed in cold storage so that customers can get their trees early and at a day's notice when shipment is desired. Orders should be sent as early as possible to insure a good assortment, as our surplus is less than usual.

CUT PRICES AND COMPLIMENTARY PRICES.—We will not cut prices nor sell anything at "Complimentary Prices" as we have sometimes done in closing out our surplus at St. Louis.

Use the Nurserymen's Telegraph Code. Any one not in possession of a copy will be supplied upon application.

This is the nurseryman's paradise. There are no injurious insects on nursery stock, no slugs on pears, no aphis on cherries nor peaches, no San Jose scale on anything. There are some borers on peach trees, but everybody knows how to get them.

In this issue of our price list we show the numbers, sizes and prices of all varieties remaining unsold to date. Correspondents should, however, give us the privilege of substituting varieties, sizes and prices, as far as it can be allowed, if in a hurry for shipment, as we do not substitute, as a rule, without permission.

LINING OUT.—We will sell small trees for "lining out" in nursery rows, and take notes bearing interest at the maximum legal rate, payable May 1, 1899, on responsible paying parties. This offer includes Keiffers and LeConte one year, 1 to 2 feet and 2 to 3 feet; Plums one and two years, 1 to 2 feet, 2 to 3 feet and 3 to 4 feet; Cherries 3 to 4 feet under ½ inch; Peaches 1 to 2 feet and 2 to 3 feet; Quince grafts, one year. Trees for this purpose may be ordered at once, but will not be shipped to Southern customers before February 15th and to Northern customers before April 5th. See price list for prices on these small grades. Trees sold on our usual terms will be shipped promptly when ordered.

GRADE-COUNT QUOTATIONS.

Thomas	hlientian	of this line	ahmamataa	manniona	quotations.	
THE DE	tonea don	OI THIS HE	aurogates	previous	duotations.	

Except where prices are agreed upon, these quotations are subject to change without notice.

See Terms and Conditions governing these quotations on another page.

Should the grade ordered be sold, state whether the next higher or lower grade may be substituted

PEARS, Standard, 1 to 1½ in. Budded on Transplanted Stocks Edible 1 to 1½ in. Extra. Extra. Per M #8% C 9.56	% to 1 in. 11-16 to Per M \$65 Per M	feet 5 to 6 feet 4 to 0 % % to 11-16 9-1 \$60 Per M Per	legy. Engage. 5 feet 4 to 5 feet 6 to % ½ to 9-16 C " C
Garber 1700			
SPECIAL. Pr C \$12 50 Koonce 560	Pr C \$10 Pr C \$9.5	0 Pr C \$9 Pr C	\$8 Pr C \$7.50 25
	Evade. Evid 4 to 5 feet 3 to 4		
Special Varieties. " C 10	" C 8 " C	7.50	
Koonce 2130	4	0	
Bi TIMO A Vanua 5 to 6 feet	5 to 6 feet 5 to 6 fee	Knowing. Knuc et 4 to 5 feet 4 to 5 16 9-16 to % ½ to	feet 4 to 5 feet 3 to 4 ft.

O'II OHILOTII	11100000000	arrecording .	11,00009.	111000001091	TTI COCO IDOC.	TTO COLO.	4100010010
me even a trans	5 to 6 feet	5 to 6 feet	5 to 6 feet	4 to 5 feet	4 to 5 feet	4 to 5 feet	3 to 4 ft.
PLUMS. 2 Years.	3/4 to 1 in.			9-16 to %			0 00 110.
SMARRI M BAMERI	74 10 1 111.						
On Marianna.	Per M \$75	Per M \$70	Per M \$65	Per M \$55	Per M \$50	Per M 340	Pr M \$35
Well branched.	" C 8.50	" C 8	" C 7	" C 6.50	" C 6	" C 5	" C 4
		March 1987 April 1987					
Pottawattamie	50	160	175	290	400	460	870
		370	340	450	400	520	
Robinson		910				040	710
Wild Goose	375		230	120	70		
SPECIAL.	Dom	(1 010 CO D	(1 011 50	Dan (1010	Dan (1 010	D 010	D 0 010
SPECIAL.	rer	C \$12.00 F	er (\$11.50	Per C \$10	Per C \$10	Per \$10	Per C \$10
Milton		1400	340	600			240
					70	400	
Chas. Downing	25	62	40	10	70	108	230
Sophia		10	17			90	240
Marcus			A THE VALUE OF THE PARTY OF	5	15	35	
marcus				9	79		90
Penning's Peach		- /**		5	of the same of the	17	35
Harrisons			2		9	20	45
V-mdsons	The state of the state of	MIST SHAPE		iò	44	19	
Knudsons		11	4		11		20
Jas. Vicks		32	21	39	30	46	25
Col. Wilder		18	29	34	20	23	10
Tather		1					10
Esther		4	11	10	5	8	
Prairie Flower		2	6	8	3	. 9	10
New-Ulm	The state of the s					1000	
ONE VEAD				/ ••			
ONE YEAR.				The state of the s			
Benson Mollie		55	57	117	134	158	225
				The Country of the Co			

SURPLUS STOCK.—We will begin packing our surplus stock into Box Lots on the 10th February. We will not break bulk on our surplus stock this year. After it is packed in Box Lots we will not sell less than a box—except for Roses.

AMERICANA) Hammer.	Hannen	Harden.	Harrow.	Hasten.	Hatton	Hanan
BITTME 9 Vanue 5 to 6 feet	Happen. 5 to 6 feet	5 to 6 feet	4 to 5 feet	4 to 5 feet	Hatter. 4 to 5 feet	Haven. 3 to 4 feet
On Marianna. Per M \$75	11-16 to 3/4 Per M \$70	% to 11-16 Per M \$65	9-16 to % Per M \$55	1/2 to 9-16 Per M \$50	7-16 to ½ Per M \$40	Per M \$25
Well branched. C 8.50	C 8	C 7	" C 6.50	C 6	C 5	C 4
Illinois Ironclad 8 DeSoto 2840	25 730	100 1020	140 860	170	120	140
DeSoto	2370	1090	1660	2090	1200	590 1570
Hawkeye	820 360	340 440	720 580	540 300	220 470	550 360
Forest Rose 240	90.	25	30		410	e : 1
Weaver 650 Wolf 1350	620 1540	225 1850	360 2650	125 1810	1170	220 1750
Wyant 65	150	330	780	840	300	1210
SPECIAL. toddard, Any siz	ze 15 cents	20	65	130	130	90
			Lance City	The state of		120
ORIENTAL Hillock.	Hickory.	History.	Hidden.	Hiding.	Heiffer.	Hinder. 3-to 4 feet
to 1 in.	1t-16 to 34 Per M \$70	% to 11-16 Per M \$65	9-16 to % Per M \$55	1/2 to 9-16	7-16 to 1/2	Per M \$35
Well branched. Per M \$75	" C 8	" C 7	" C 6-50	Per M \$50	Pr M \$40	" C 4
Ogon 250	25 130	160 120	170			
Yosobe	60	40	15 30	30	2 (
Maru 55	135	100	80	12 50	55	
Kerr 520	110	90	110	10	.:	
Satsuma 5000	4400	3000				
ORIENTAL Lesson.	Letter.	Liking.		Limpid.	Linger 3 to 4 feet	Liquor.
PLUM: Year 5 ft & up.	% to 11-16	9-16 to %	1/2 to 9-16	7-16 to ½		2 to 3 ft.
On Marianna Per M \$65 Plum. Bran'ed " C 7.50	Per M 560 1	Per M \$50 1	Per M \$45 I " C 5.50	Per M \$40 " C 5	Per M \$30 " C 4	Pr M \$25 " C 3.50
Abundance (Botan) 1210	1250	2750	1620	760	1110	740
Burbank 2000	630 430	960 40			1. 4	140
Red Nagate 2950	680	770	590	160	210	70
Satsuma	1540 870	2420 800	2900 540	5430 260	3000	1000
SPECIAL. Pr C \$12.50	Pr C \$11.50	Pr C \$10		Pr C \$8 50		Pr C \$7.50
Wickson	40	150	400	470	640	220
	PLUM	S ON PE	ACH.			
ORIENTAL Helper.	Helmet.	Hemlock.	Herald.	Herbal.	Hermit.	Hero.
PLUMS Year 5 to 6 feet	5 to 6 feet 11-16 to 3/4	5 to 6 feet % to 11-16	4 to 5 feet 9-16 to %	4 to 5 feet 1/2 to 9 16	4 to 5 feet 7-16 to ½	3 to 4 ft
On Peach. Per M \$55	Per M \$60	Per M \$50	Per M \$45	Per M \$40	Per M \$35	Pr M \$30
Well Branched. J 0 3.30	600	" C 6	" C 5.50	" C 6	" C 4	" C 3.50 1650
Burbank 1000	870	1340	1390	1090	1230	740
Red June	900 720	620 330	2000 950	2100 1010	3500 1400	5800 2400
Two to three feet at \$20 per	1000.					
) Object.	Oblige.	Oblong.	Octave.	Office.	Onward.	Oppose.
CHERRIES, 2 Yrs 3ft. & up	. 5 to 6 feet . 11-16 to 3/4	4 to 5 feet	9-16 to 56	t 4 to 5 feet 1/2 to 9-16	t 3 to 4 feet	t 2 to 3 ft
Wall branched Per M \$5	5 Per M \$45	Per M \$40	9-16 to % Per M \$3	Per M \$30	Der M \$35	PrM \$30
	6 " C 5.50	" C 5	" C 4.50	" C	1 " C :	3 " C 3
B. Tartarian	1525	1990	2200	1200		
Early Richmond 17900 Montmorency, Ord	10900	12670 500	7420 550	4800		
Early Lamaurie 1760 Gov. Wood	490	and and the	90			E
Montmorency, Large. 3390			1500	1780		54 11 (3)
Windsor	1550	820	350	730	-	
Lutovka	1550	480	700	1200	Selien	
mi Dala famousia balana	a to the U	& P along	warm hands	and proli	Se Proon	

The Early Lamaurie belongs to the H. & B. class, very hardy and prolific, Ripens with or before Early Purple Guigne; color, black. Holds its foliage better than any other in the South.

CHICAGO, ILL.—We will make Chicago, Ill., a distributing point this Spring, to those who prefer it, on orders received after this date, and also for a portion of our surplus.

APPLE SEEDLINGS, No. 1, 3-16 and up. \$3.50 per 1000; No. 2, 2-16 to 3-16, \$1.75 per 1000 in 5000 lots at Euntsville. Less quantities, 50 cents per 1000 additional.

PEACH TREES -- On Peach, Leading Varieties.

Our Peach Trees are budded on seedlings grown from Tennessee and Alabama Pits. They are free from Aphis or Root-knots, and have fewer borers than those from most nurseries. We can supply beautiful medium and small-sized peach trees. The lands upon which our peach trees are grown this year produces a light, well-matured tree, with fine roots. These trees will answer well the purpose of "June Buds," and are very much better to transplant, as they will be well matured to the terminal bud, while June Buds are often tender at the tips. The little trees we offer should not be confounded with the little culls left after the larger trees have been dug and offered so cheaply by other nurseries. The Yellows and Roseette are unknown in this locality, and we have been careful not to bring in any buds from affected localities. localities.

PEACH TREES Ranson		Rebate.	Recite.	Render.	Resource	Rabbit
FLAVA INGEN 5 to 6 fe		4 to 5 feet			2 to 3 feet	1 to 2 feet
One Year.				Under7-16		D M 61
On Peach Stock. Per M 3		Per M \$25		Per M \$20		Per M \$1 " C 1 50
	230	830	580	3100	750	200
Allbright's October 140		250	570	1490	800	120
		530	1040	1930	1310	180
			750	2000	1120	30
Amsden	35		180	770	1930	1000
Belle of Ga 80		690	1490	1730	600	240
Beer's Smock			480	5490	1550	1160
Chinese Cling	•	140	520	1200	2090	1200
Crosby	io	110	70	120	25	40
Columbia 170		40	200	710	590	800
Crawford's Early 90		160	460	1330	370	
Crawford's Late 90		30			170	
Early Rivers	60		1780	6260	3430	760
Early Tillotson , 500	590	480	870	1350	1260	180
Elberta						
Family Favorite 90		150	60	1130	520	
Foster 20	20	130	330	1840	1070	160
F. St. John 40	10	170	870			120
Gold Dust		40	250	1520	1470	160
Globe			70	1270	430	
General Lee 30	100	50	200	1030	1590	600
Hynes Surprise 30	20	130	540	1320	880	240
Heath Cling				920	400	
Lady Ingold	. 30	10	820	4660	1690	250
Lemon Cling		120	850	1450	810	160
Mamie Ross 20		5	90	1630	1180	320
Mountain Rose	. 170	990	3420	8320	2250	590
Old Mixon Free		200	270	915	610	
Reeves' Favorite 20) : 80	60	270	3800	2440	1100
Salway			250	2000	0010	1350
Susquehanna 40	40	220	650	2280	2310	760
Stump		30	280	2330	1850	440
Sneed	120	820	2440	6370	3570	720
Stephenson's Rareripe	50	80	110	1600	1640	10
Thurber 20	190	50	850	3550	2580	160
Triumph		1550	9090	23760	14370	660
SPECIAL.		Per C \$6 F	Per C \$5.50	Per C \$5 P	er C \$4.50	Per C \$3.50
Greensboro 40	210	450	720	4050	2360	1370

Taffy.

to 5 feet 3 to 4 feet 9-16 to % 1/2 to 9-16

Per M \$#5 Per M \$#0

C 5 " C ** Our Quinces are all grafted from wood cut from bearing trees, so that we know them to be genuine. It is impossi-ble to keep a lot of budded quinces pure, Tangle. Tactics. 3 to 4 feet 7-16 to ½ Per M \$30 " C 4 4 to 5 feet % to 11-16 Per M \$50 " C 6 4 890 760 840 1200 Orange....

These two-year-old Quinces were headed back to 18 inches in Spring and are uniformly branched and handsome, except the 2 to 3 feet size, which are more or less branched.

QUINCES. I Year. Transplanted.	Tangent. 4 to 5 feet Per M \$50 " C 6	Tackle. 3 to 4 feet Per M \$35 " C 5	Tattle. 2 to 3 feet Per M \$25 " C 3	Grafts transplanted. Cut back fto ground at one year and have the appearance of one year buds.
Orange,	5680 2100	3500 1800	2100 400	

ORDER QUICK.—Orders sent in immediately upon receipt of this list will be in time to be filled and assortments given as desired.

Roses—Chicago will be made the distributing point for Roses after this date. We will break bulk there and fill orders in the assortment desired, not less than 10 of a variety.

GRAPE VINES.

These Vines are grown for us by one of the most successful growers of Grape Vines at Fredonia, N. Y. We guarantee them equal to the very best produced in quality and grade.

quanty and grade.	Gino4	Class.	TP34	Class.
The second secon		year.		years
Leading Varieties.		shall.		ntel.
	Per 100	Per 1000	Per 100	Per 1000
Agawam (Rog. No. 15)	\$ 1.50	s 12 00	\$ 2 20	\$ 18 00
Burry Rog. No. 43)	11 00	100 00	16 00	150 00
Brilliant	25 00	300 00	45 00	400 00
Brilliant,	. 1 60	15 00	2 50	20 00
Brighton	1 30	11 00		
Catawba			1 70	15 00
Champion or Tallman	. 1 10	10 00	1 60	14 00
Concord	. 90	7 00	1 40	11 00
Cynthiana	. 6 50	60 00	9 00	80 00
Delaware	. 2 50	22 00	3 30	30 00
Diamond	. 1 80	14 00	2 50	20 00
Dracut Amber	. 2 20	20 00	3 30	30 00
Duchess		20 00	3 30	30 00
Eaton		35 00	5 50	50 00
Early Ohio		80 00	12 00	110 00
Early Victor		25 00	4 50	40 00
Elvira		11 00	1 70	15 00
Elvira		18 00	2 80	25 00
Empire State		60 00		
Gothe (Rogers' No. 1)	. 0 00	80 00	10 00	90 00
Green Mountain	. 9 00		13 00	120 00
Hartford		20 00	3 30	30 00
Ives		11 00	1 50	14 00
Jessica	. 6 00	55 00	8 00	75 00
Lady	. 2 20	20 00	3 30	30 00
Lindley (Rog. No. 9)	. 1 50	12 00	2 00	18 00
Martha	. 2 00	18 00	3 00	30 00
Massasoit (Rog. No. 3)	. 2 20	20 00	3 30	30 00
Merrimac (Rog. No. 19)	. 2 20	20 00	3 30	30 00
Moyer		20 00	3 00	27 00
Moore's Early		14 00	2 50	22 00
Mo. Reissling.		20 00	3 30	30 00
MO. Reissing		9 00	1 60	14 00
Niagara		50 00	8 00	75 00
Nortou		40.00		
Perkins	. 4 50		6 50	60 00
Pocklington	. 1 20	10 00	1 60	14 00
Prentiss,	5 50	50 00	8 00	70 00
Salem		12 00	2 50	20 00
Vergennes	1 60	15 00	2 50	. 22 00
Wilder	2 20	20 00	3 30	30 00
Woodruff Red	6 00	55 00	8 00	80 00
Worden		9 00	1 60	14 00
Wyoming Red		15 00	2 20	20 00
Wyoming mod	00		2 20	20 00

No. 2 one-year vines, two-thirds the price of No. 1 one year. (Marble)

Two-year No. 1½ vines, of most kinds, one-half between price of two-year No. 1 and one-year No. 1. (Madame)

Grape Vines f. o. b. at Fredonia, N. Y.

TRADE DISCOUNTS ON GRAPE VINES.—\$3.00 to \$10.00 worth at 100 rates. \$10.00 to \$25.00 worth at 1,000 rates. \$25.00 to \$100.00 worth 10 per cent. discount from 1,000 rates. Over \$100.00 worth, send list for Special Prices.

	Wabble.		Wander.	For Spring delivery we will supply
MULBERRIES, 2 Yrs.	5 ft, & up.	5 to 6 feet		these Mulberries from Huntsville or
WATER WITH THE	3/4 to 1 in.	% to %	9-16 to %	St. Louis. If wanted for Fall deliv-
Well Branched.	Pr M \$100	Per M \$50	Per M. \$75	ery, they must go from Biloxi, Miss.
***************************************) C 12.50	C 9	U 8	They are well matured, hard and
New American	660	320	. 90	sound to the tips.
Domning	450	210	110	

ORANGE AND MEECH QUINCE—In thousand lots one year from graft, for "lining out," cut back to 3 inches, per 1000, \$15.00. REAS AND CHAMPION, \$25.00 per 1000.

THE HEIKES-BILOXI NURSERIES CO. PRICE LIST.

Heikes-Biloxi Nurseries Co., Biloxi, Miss.

Address W. F. HEIKES, Manager, Huntsville, Ala.

ROSES. Own Roots \	Rosette. Robust. No. 1 No. 1½	Rocket.	FIELD GROWN BOSES
Field-Grown.	er M \$70 Per M \$50	Per M \$35	FIELD=GROWN ROSES.
Very Fine.	C 8 " C 6	" C 4	OWN ROOTS.
L'Enfant du Mt Carmel	1400 2200	2000	Grown from cuttings. Price of
Anna de Diesbach Coquette des Alps		***	boxes or bales to be added. Delivered at depot at Biloxi, Miss. On
Baron Prevost	***	20	orders sent in by Northern custom-
Caroline de Sansal	450 1300	1900	ers for Spring delivery, we will pay
François Levet	530	270	freight to Chicago, and hold in cold storage there until wanted. The No.
Gen. Jacqueminot John Hopper	5080 3530	3740	1 plants will have three or more
Jules Margottin	1200 400	250	branches and will be cut back to 24
Magna Charta	2730 3360	4030 1180	to 30 inches. The roots are very fine.
La Reine	1960 1160 480 290	1100	We make a grade of Roses called No. 1½. This grade will be made up
PrinceCamille deRohan	450	300	of plants just under No. 1, such as
Vick's Caprice	*		do not have the required number of
TEAS AND NOISETTES.			branches or slightly under weight
Duchess de Brabant	140 230	100	and height, and makes a very nice grade for mailing.
F toile de Lyon	***	240	No. 2 Plants of above Varieties
Mad. Camille	50	75	FOR TRANSPLANTING AT ONE-HALF
Solfaterre	270 250	100	THE PRICE OF No. 1. The tops of No.
BOURB'NS&HYBRIDTEAS			2 plants will be cut back to 2 or 3 inches, as they are only intended for
Caroline Testout		22	transplanting
Capt. Christy	30	30	THE MARECHAL NEIL ROSES are
POLYANTHAS.			very fine, strong bushes. The No. 1 plants are 3 to 4 feet high with very
Clothilde Soupert	130 40	110	fine roots. The tops will be cut
•			back to 2 feet. They are grafted
Mosses.	120 310	930	on non-sprouting roots. All other
Blanche Moreau Blanche Robert	160 270	630	varieties offered are on their own roots, grown from cuttings.
Comptesse de Murinais.	660 700	360	
Princess Adelaide	1000 860	500 450	STANDARD PEARS One Year
Henry Martin	280 500 450 410	275	Cuttings—Garber, per 1000.5 to 6 feet.
Capt. John Ingram Luxemburg	310 90	110	\$50; 4 to 5 feet, \$40; 3 to 4 feet, \$35;
			LeConte, 2 to 3 ft., \$25; 3 to 4 ft., \$35.
MISCELLANEOUS.	830 610	470	PLUMS-Two Years, on Plum-
Gem of Prairie	360 340	530	Satsuma, 34 to 1 inch. \$65 per 1000;
Cl. Victor Verdier Empress of China	830 370	- 80	11-16 to ¾, \$60; % to 11-16, \$50.
Harrison's Yellow	550 230	110	DI LIMS One Wase on Diam
Wichuraiana	650	1300	PLUMS=One Year, on Plum— Satsuma, Robinson, Pottawatta-
	Pr M \$100 Per M \$7	0 Pr M \$50	nie, per 1000, 5 to 6 feet, \$65; 4 to 5
	" C 10 " C 7	" C 5	feet, \$50; 3 to 4 feet, \$30.
MARECHAL NEIL, Grafts	5800 1850	1000 740	MULBERRIES == Very Fine-New
Crimson Rambler	400	740	American and Downing, two years,
	Pr M \$150 PrM \$110	Pr M \$75	per 1000, 34 to 1 inch, \$100; % to 34,
	" C 16 " C 11.5		\$80; 9-16 to 5-8, \$75.
YELLOWRAMBLER, Agl'a	12700 1250	920	FIGS-Assorted, one year, 4 to 5
	Pr M \$35 Pr M \$25	Pr M \$17.50	feet, \$8.50 per 100; 3 to 4 feet, \$8.00
	" C 4 " C 3	" C 2	per 100; 2 to 3 feet, \$7.00 per 100.
Baltimore Belle	11740 7350	4500 3950	DECANS Gulf Coast soft shall
Queen of the Prairie	7530 5780 8420 4580	2500	PECANS—Gulf Coast soft shell Seedlings 4 to 5 feet, \$15 per 100; 3
Madame Plantier	5600 4290	5370	to 4 feet, \$12.50; 2 to 3 feet, \$10.

STANDARD PEAR TREES.-Two and Three Years.

Kieffer, % to 1 inch, \$75; 11-16 to %, \$70; % to 11-16, \$60; 9-16 to 5-8, \$50 per 1000.

STANDARD PEARS .- One Year Buds.

Kieffer,	per 1000, 5	to 6 feet,	\$ 50;	4 to 5 fee	t, \$40;	3 to 4 feet	, \$35;	2 to 3 feet,	\$30
Ea Harvest	per 1000,	4.6	100;		80;		65;	44	35
Garber,	per 1000,	66	50;	44	40;	**	35;	44	. 30
Cincincis.	per 100.	166	25:	66	20;	- 44	15;	6.6	

Terms and conditions governing above quotations are the same as those given by the Huntsville Wholesale Nurseries.

Terms and Conditions Governing Quotations in the Price List of the Huntsville Wholesale Nurseries.

RATES .- As we send this list to the trade only, we make the difference in prices between the 10, 100 and 1000 rates very slight—simply sufficient, as a rule, to cover the difference in the expense of handling in the smaller numbers. W formly tie in bunches of 10, when consistent with the order, and we suggest to our customers to make their orders for varieties in multiples of 10 as far as practicable. Orders for 50 and not over 300 trees, if for not less than 10 of a variety, will be charged at the rate per hundred. orders requiring 300 trees or more, and not less than 10 of a variety, will be filed at the lowest quoted prices. Orders for less than 10 trees of one variety, will be charged at the rate per ten.

SEASON .- Our packing and shipping season

begins by the 20th of September, and continues until about the first of March. We have great advantages to offer here in early shipments for the North in Spring. We do not accept orders for trees we do not grow, as we never buy trees to sell again. You can de-pend upon us for fresh dug trees. Each order is taken up separately, and not until it is wanted for shipment.

SHIPPING DIRECTIONS.—We respectfully beg our patrons to furnish us with explicit direc-tions as to shipping, and the mode of conveyance by which they desire trees forwarded. When no particular directions are given, we forward according to the best of our judgment. But in no case do we assume any responsibility as to safe delivery and condition of Trees and Plants after a proper shipment by us.

RELEASE.—When prepayment of freight is not required, we will Release and Guarantee, and take forwarder's receipt and mail to consignee. Take forwarder's receipt and man to consignee. It is left to the option of the shipper of trees over some railroads, whether he will release them or not under the clause "Value less than \$5.00 per 100 lbs." If released under this clause, \$5.00 per 100 lbs." If released under this clause, the freight is less on roads governed by this classification, and we will assume it to be proper to make this release, without reference to the value of the trees, unless instructed to the contrary. This clause does not apply upon roads under some of the district classifications, and because of this confusion we will not be held responsible for any oversight to release, unless instructed by our customers. Claims for delay or loss must be made to the forwarders.

PACKAGES.—The cost of package must be added to the prices quoted in this list, as follows: Boxes 30 inches square, from 7½ to 9 feet long, as the trees may require, each \$2.50; boxes 24 inches, \$2.00; boxes 18 inches, \$1.50; bales from 25c. to 75c. each.

PACKING.—Goods will be packed in moss, and especial care taken to insure their arrival in the best condition.

ASSORTMENTS .- We do not require customers to take an assortment they do not wish, but will sell one variety alone if desired. If any substitution can be allowed, either in grade or variety, it should be so stated when making the order. As a rule we do not substitute without permission.

CAUTION .- We accept all orders upon the condition that they shall be void, should any injury befall the trees from frost, hail, storm, fire, or other causes over which we have no control

TERMS.—Cash. When desired, we will allow 30 to 60 days from date of shipment to responsible,

prompt-paying customers. Parties with whom prompt-paying customers. Parties with whom we have had no business transactions, will save time by sending reference, with order. We wish it expressly understood that payment is expected from the first collections made, and the time named is only intended as so many days of grace in which to make returns. To parthern superpress, who wish to leave the contractions are the contractions. days of grace in which to make returns. To northern customers, who wish to lay in stock for Spring trade, we will ship late in Fall or early in Spring, and allow time for payment till May 15th. If shipment is required in the Fall for Spring use, a note is to be given upon receipt of the trees. We do not allow any discount for cash, but we make our prices low to command cash, or prompt returns. In orders when the time is not mentioned, 30 days is to be understood. Interest at the rate of 8 per cent per annum must be paid on over due accounts. Should prices be changed, either higher or lower, during the season, the prices ruling at the time the order is made, are expected to

FORMS OF PAYMENT.—All bills are payable at the office of the seller, and remittances should be made by drafts on New York, Chicago or St. Louis, or by money orders on some Express Company, or by postal orders. We will, how-ever, accept checks from those of our customers ever, accept checks from those of our customers who may be located at places having no banking, express or postal facilities, provided they make them in every case payable "with exchange", or add ¼ of one cent. to the amount of the bill for the cost of collection.

GRADES.—We grade very carefully, in some cases by caliper, in others by height. When graded by both caliper and height, the caliper must govern, as the height then named is only to be considered approximately. Whose graded

to be considered approximately. When graded by height or caliper, we include the lower number and exclude the higher. Instance: in a grade of 4 to 5 feet trees, the 4 feet trees are included, but not the 5 feet trees. If 5 feet trees are wanted, the 5 to 6 feet grade must be ordered.

GUARANTEE OF GENUINENESS .- While we ex-GUARANTEE OF GENUINENESS.—While we ex-ercise the greatest diligence and care to have all our Trees, etc., true to label, and hold ourselves in readiness, on proper proof, to replace all trees, etc.. that may prove untrue to label, free of charge, or refund the amount paid, it is mutu-ally understood and agreed to, between the purchaser and ourselves, that our guarantee of gen-uineness shall in no case make us liable for any sum greater than that originally received for said trees, etc., that shall prove untrue.

ACCEPTANCE.—Notice should be sent us by telegraph, at our expense, if there is any cause of complaint, or should the trees be refused, stating reasons. Claims for deduction, from whatever cause, will receive consideration only when made cause, will receive consideration only when made promptly upon the receipt of the trees. If trees show any signs of shrivelling upon arrival, they can usually be restored by being thoroughly watered and buried entirely under the ground for two or three days. Should there be any frost in the trees upon arrival, they should not be removed from the box until the frost is all out. removed from the box until the frost is all out. The box should be placed in the cellar or protected in some other way. The presence of frost in the boxes is not to be considered an evidence of bad condition, as we pack to secure the trees against damage, if the frost is allowed to come out in the natural way. Goods will be considered accepted if removed from the hores in which they are paged, with from the boxes in which they are packed, with-out notice of complaint to us and without our orders for their disposition.

FOR RENT.

One tract of 160 acres adjoining the Huntsville Nurseries. Good house and barn and outbuildings. Never-failing stream of water. Will give out nursery stock to be grown on shares. Rent \$300 a year.

The tract of 270 acres adjoining the Nurseries will be rented upon the same terms.

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We offer the following lands at HUNTSVILLE, ALA., and BILOXI, MISS., for one-third cash, balance in one, two and three years, with six per cent. interest, and will give purchasers contracts to grow nursery stock sufficient to pay the deferred payments:

One tract of 10 acres adjoining the Nurseries, with good dwell-

ing house. Price \$400.

One tract of 10 acres adjoining the Nurseries, with new cottage

of 6 rooms. Price \$650.

One tract of 270 acres adjoining the Nurseries on the East. A small stream of never-failing pure water runs through this place. Can be divided into smaller tracts. Price \$10.00 per acre.

One tract of 40 acres adjoining the Nurseries on the South, watered by a never-failing stream. Price \$15.00 per acre.

HOMES ON THE GULF COAST.

One tract of 50 acres adjoining the Biloxi Nurseries, with good dwelling house and outbuildings. Price \$800.

Two tracts of 50 acres each adjoining the Biloxi Nurseries,

unimproved. Price per acre \$10.00.

WESTERN LAND.

Two tracts of 40 acres each in the heart of the Ozarks, Douglas County, Mo., near Norwood Station Fine orchard land. Unimproved. Price per acre \$5.00.

One tract of 160 acres, unimproved, in Lincoln County,

Neb. Price \$800.

One tract of 40 acres, unimproved, in St. Clair County, Mo. Price \$125.

One tract of 20 acres near Grand Junction, Colorado, with water rights. \$600.

One tract of 40 acres near Fruita, Colo., unimproved. Good peach land. \$400. Address

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Myrobolan, 1 year, 3 to 5 mm.

The above are very rare.
Pear, 2 years, 7 to 12 mm.
Pear, 2 years, 5 to 7 mm.
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Pear, 1 year, 5 to 7 mm.
Pear, 1 year, 4 to 6 mm.
Pear, 1 year, 4 to 6 mm.
These are branched roots.

Apple, 1 year, 5 to 8 mm.

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